

*Artistry in Sound*  
**ONKYO**<sup>®</sup>

# ***DX-C300***

**Compact Disc Automatic Changer**

**Instruction Manual**

• *Congratulations on your purchase of the ONKYO DX-C300 CD Player.* • *Please read this manual thoroughly before making connections and turning power on.* • *Following the instructions in this manual will enable you to obtain optimum performance and listening enjoyment from your new DX-C300.* • *Please retain this manual for future reference.*

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## Features

- **AccuBit D/A Converters**
- **Discrete Left and Right Channel D/A Converters**

- **CD Auto Changer with Six-Disc Magazine**

Record changers were never really considered "hi-fi," but they were popular for their convenience nevertheless. With the CD auto changer, the convenience remains but the disadvantages of analog changers have been eliminated. Onkyo has in effect multiplied all the convenience of a standard CD player by six. In addition, the "magazine" format allows users to keep frequently played groups of discs together and provides for easy portability between changers.

- **40-Track Program Memory (Disc and Track)**

The program memory function is similar to that found on "single" CD players in many respects, except that the user can program and access tracks on up to six CDs instead of just one. Onkyo also added some extra refinements to deal with the new multi-disc format. For example, it is not necessary to have a disc or disc magazine actually loaded in the player when programming the memory.

- **Random Playback**

This function is ideal for providing background music at parties and the like. It plays back the tracks on all six discs in an unpredictable, random sequence.

- **Large, Attractive Fluorescent Display**

The bright, easy-to-read display features a 20-track music calendar together with disc and playing time remaining indicators.

- **Eight-Times Oversampling 18-Bit Digital Filter**

- **Three-Beam Laser Pickup**

- **RI Capable Wireless Remote Control Included**

- **DX-C300 includes a KC-M6 magazine.**

- **Optional magazines available (KC-M3, KC-M6, KC-S1)**

## "WARNING"

"TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE."


## CAUTION

"TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL."



- The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## Important safeguards

1. **Read Instructions** – All the safety and operating instructions should be read before the appliance is operated.
  2. **Retain Instructions** – The safety and operating instructions should be retained for future reference.
  3. **Heed Warnings** – All warnings on the appliance and in the operating instructions should be adhered to.
  4. **Follow Instructions** – All operating and user instructions should be followed.
  5. **Water and Moisture** – The appliance should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
  6. **Carts and Stands** – The appliance should be used only with a cart or stand that is recommended by the manufacturer.
  - 6A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
- PORTABLE CART WARNING
- S3125A
- 
7. **Wall or Ceiling Mounting** – The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
  8. **Ventilation** – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
  9. **Heat** – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
  10. **Power Sources** – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
  11. **Grounding or Polarization** – The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
  12. **Power-Cord Protection** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
  13. **Cleaning** – The appliance should be cleaned only as recommended by the manufacturer.
  14. **Nonuse Periods** – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
  15. **Object and Liquid Entry** – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
  16. **Damage Requiring Service** – The appliance should be serviced by qualified service personnel when:
    - A. The power-supply cord or the plug has been damaged; or
    - B. Objects have fallen, or liquid has been spilled into the appliance; or
    - C. The appliance has been exposed to rain; or
    - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
    - E. The appliance has been dropped or the enclosure damaged.
  17. **Servicing** – The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

## SPECIAL CAUTIONS FOR COMPACT DISC PLAYER

- This Compact Disc Player contains a semiconductor laser system and is classified as a "CLASS 1 LASER PRODUCT". So, to use this model properly, read this Owner's Manual carefully. In case of any trouble, please contact the store where you purchased the unit. To prevent being exposed to the laser beam, do not try to open the enclosure.
  - The laser is covered by a housing which prevents exposure during operation or maintenance. However, this product is classified as a Laser Product by CDRH (Center for Devices and Radiological Health) which is a department of the Food and Drug Administration. According to their regulations 21 CFR section 1002.30, all manufacturers who sell Laser Products must maintain records of written communications between the manufacturer, dealers and customers concerning radiation safety. If you have any complaints about instructions or explanations affecting the use of this product, please feel free to write to the address on the back page of this manual. When you write us, please include the model number and serial number of your Compact Disc Player.
  - In compliance with Federal Regulations, the certification, identification and the period of manufacture are indicated on the rear panel.
  - **DANGER:**  
INVISIBLE LASER RADIATION WHEN OPEN AND INTER-LOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO BEAM.
  - **CAUTION:**  
THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
  - **Notice Concerning FCC Regulations**  
This equipment generates and uses radio frequency energy and, if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:  
Reorient the receiving antenna.  
Relocate the unit with respect to the receiver. Move the unit away from the receiver. Plug the unit into a different outlet so that the unit and receiver are on different branch circuits.
- If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to identify and Resolve Radio-TV interference problems."  
This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

## Precautions

### 1. Warranty Card

The serial number is written on the rear panel of this unit. Copy the serial number and model number onto your warranty card and keep it in a safe place.

### 2. Power

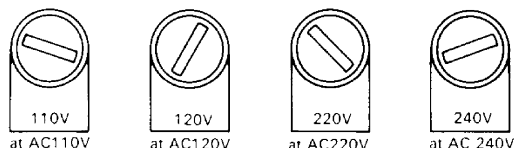
#### WARNING

BEFORE TURNING ON POWER FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY.

- Some models are designed for use only with the power supply voltage of the region where they are sold.  
USA & Canadian models: AC120V, 60Hz  
Worldwide model: AC110V, 120V, 220V, 240V switchable, 50/60Hz

#### • Voltage Selector (Rear Panel)

Worldwide models are equipped with a voltage selector to conform with local power supplies. Be sure to set this selector to match the voltage of the power supply in your area before turning the power switch on. Voltage is changed by switching the voltage selector with a screwdriver or similar instrument to the 110V, 120V, 220V and 240V position. Confirm that the selector has been set to the correct position before turning the power switch on. If there is no voltage selector switch on the unit you have purchased, it can only be used in areas where the power supply voltage is the same as that of the unit.



Power Supply Worldwide models: AC 110V, 120V, 220V, 240V, 50Hz/60Hz

### 3. Do Not Touch the Player with Wet Hands

Do not handle the player or power cord when your hands are wet or damp. If water or any other liquid enters the player cabinet, take the player to an authorized service station for inspection.

### 4. Location of the Player

- Place the Player in a Well-Ventilated Location.  
Take special care to provide plenty of ventilation on all sides of the player especially when it is placed in an audio rack. If ventilation is blocked, the player may overheat and malfunction.
- Do not expose the player to direct sunlight or heating units as the player's internal temperature may rise and shorten the life of the pickup.
- Avoid damp and dusty places and places directly affected by vibrations from the speakers. In particular, avoid placing the unit on or above one of the speakers.
- Be sure the player is placed in a horizontal position. Never place it on its side or on a slanted surface as it may malfunction.
- Do Not Place Near Tuners and TV Sets.  
If placed next to a TV or another tuner, it may cause reception interference resulting in some noise in the TV or tuner output.

### 5. Care

From time to time you should wipe off the front and rear panels and the cabinet with a soft cloth. For heavier dirt, dampen a soft cloth in a weak solution of mild detergent and water, wring it out dry, and wipe away the dirt. Following this, dry immediately with a clean cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since these may damage the finish or remove the panel lettering.

### 6. Points to Remember

- If the player is brought from a cold environment to a warm one or is in a cold room that is quickly heated, dew may form on the pickup, preventing proper operation. In this case, remove the disc and leave the power ON for about one hour to remove the dew.
- Always close the disc tray when not loading or unloading discs to protect delicate internal parts from dust.
- When transporting the player, be careful not to bump it.

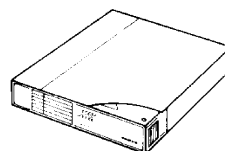
## Before using this unit

Products with the  logo on them are mutually compatible and interchangeable in the playback of 5 inch (12 cm) compact discs.

### 1. Supplied accessories

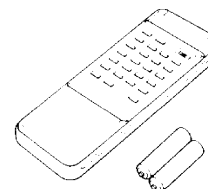
6-compact disc magazine x 1  
(KC-M6)

Output signal cord x 1



RI remote control cable x 1

Remote control transmitter  
RC-147C x 1  
Batteries x 2

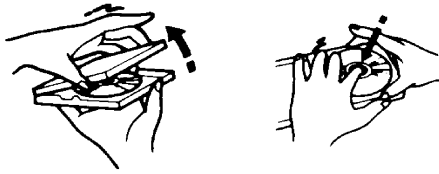


#### NOTE:

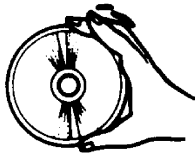
The accessory magazines all use 12 cm discs. Use the separately sold 8 cm disc magazine when playing 8 cm discs. The separately sold magazines are shown below. Use them to enjoy your own independently created CD library.  
KC-M6: Magazine for six 12-cm discs.  
KC-S1: Magazine for one 12-cm disc.  
KC-M3: Magazine for six 8-cm discs.

## 2. Handling the compact discs

How to open a disc case and remove a disc.



Always handle compact discs with care so that they are not scratched, soiled or damaged.

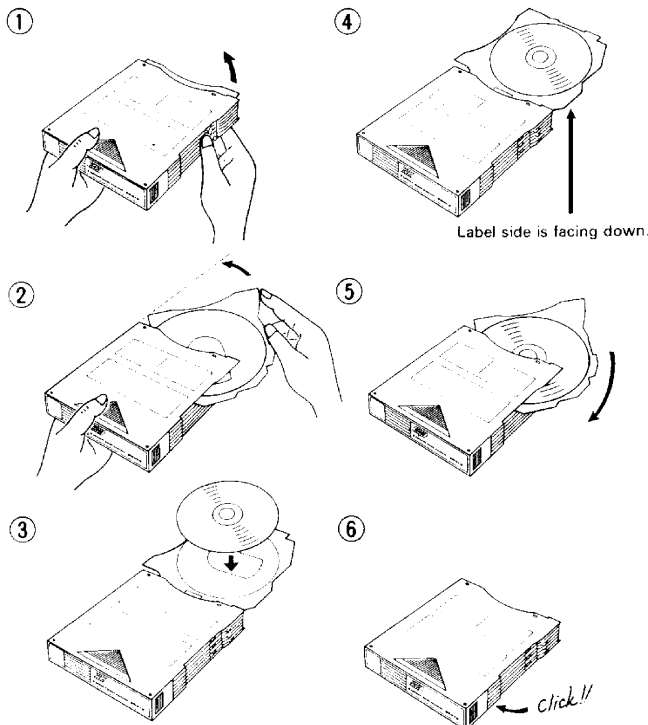


- A dry soft cloth may be used to wipe dust, fingerprints, etc off the surface.
- Make absolutely sure not to use any type of volatile agent, such as thinner or benzine. Also avoid using a conventional record cleaner or antistatic agent.
- Avoid placing a disc in direct sunlight, and locations subject to extremely high humidity or low temperature.
- When a disc is going to be left unused for a long period of time, be sure not to leave it in the player but store it in the case.

## 3. Inserting discs in the 6-compact disc magazine.

Insert the discs in the 6-compact disc magazine while referring to the drawings below. You can insert as many as six discs at a time.

There are numbers from ① to ⑥ starting from the highest tray and going in order. Insert the trays one at a time. When inserting discs, be sure that the label side is facing down.

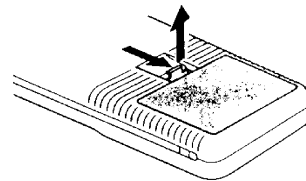


### NOTE:

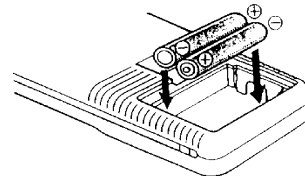
Be careful not to touch the play side of the disc (side with no label) with your hand. Never insert anything other than discs in the magazine tray.

## 4. Transmitter Battery Insertion

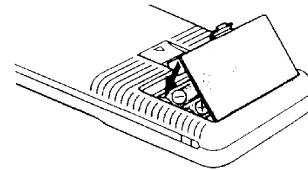
- ① Push the battery cover on the rear of the transmitter in the direction of the arrow and lift it up.



- ② Load the two batteries that came with the transmitter or two batteries listed in the table. Load them with the + and - ends facing as shown in the diagram.



- ③ Put the battery cover back in place.



### Batteries

- The remote control transmitter is powered by two batteries. Before using this unit for the first time, insert the two batteries (included) as shown in the diagram.
- Average battery life is about one year. This period may be shorter depending on the frequency of use and environment (temperature and humidity) in which the remote control transmitter is used.
- If the remote control transmitter does not operate even though front panel controls function normally, the batteries should be replaced. Use only batteries listed in the following chart.

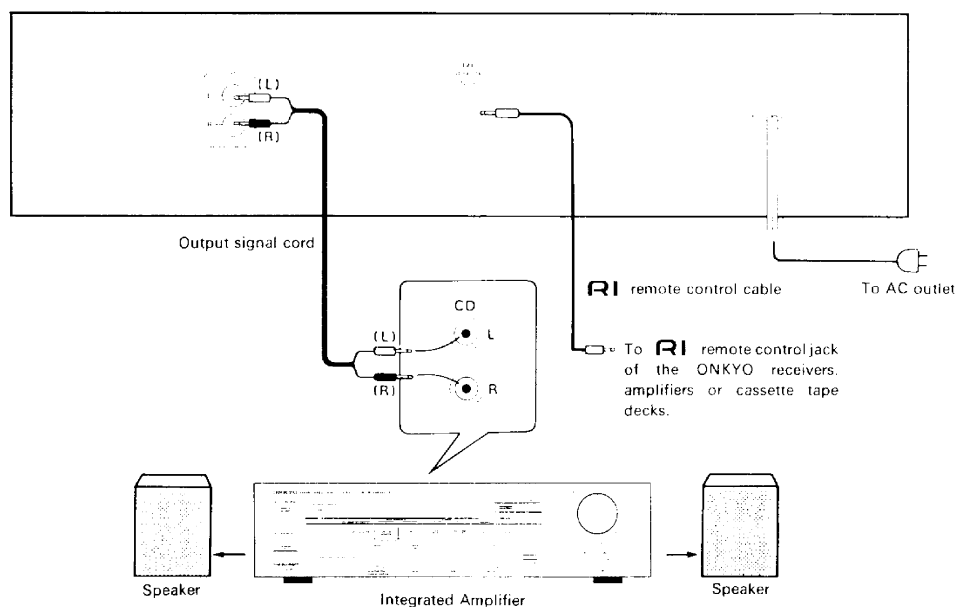
Type	Voltage	Size
Manganese	1.5V	AA R6 UM-3

### NOTES:

1. Do not leave an expired battery in the case as it may leak or damage the battery case.
2. When inserting the batteries, be sure the (+) and (-) ends are properly aligned.
3. Do not use nickel-cadmium (rechargeable) batteries.
4. Do not use one specified (manganese) battery and one alkaline Battery at the same time.
5. Replace both batteries at once; do not use one old and one new battery together.

## System connections

- Do not plug in the power cord until all connections have been made.



### Output jacks

Connect the OUTPUT jacks of this unit to the AUX or CD input jacks of an amplifier. When making connections, be sure that the left and right channel connections are not crossed.

### Remote Control jacks

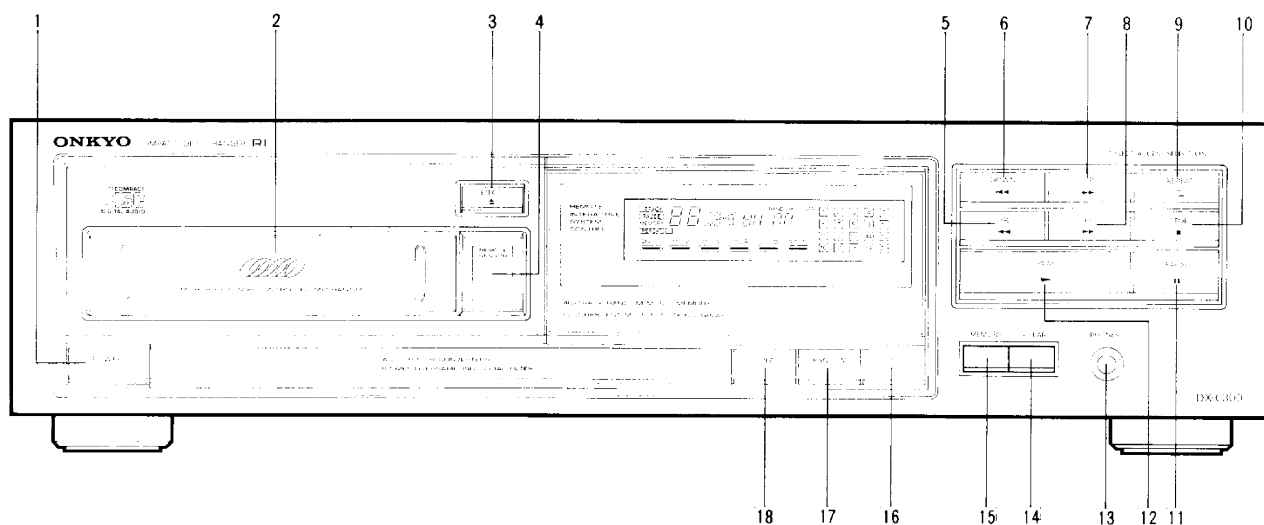
The remote control jacks are used to connect ONKYO products bearing the "RI" mark via the accessory remote control cable. The cassette deck with the "RI" mark can be operated using the RC-147C remote control transmitter provided as an accessory with the DX-C300. When this unit is connected with Onkyo receivers or amplifiers bearing the "RI" mark, it can also be controlled by the remote control transmitter of that unit. (Refer to the operating instructions of your stereo receiver or amplifier for details.)

### NOTE:

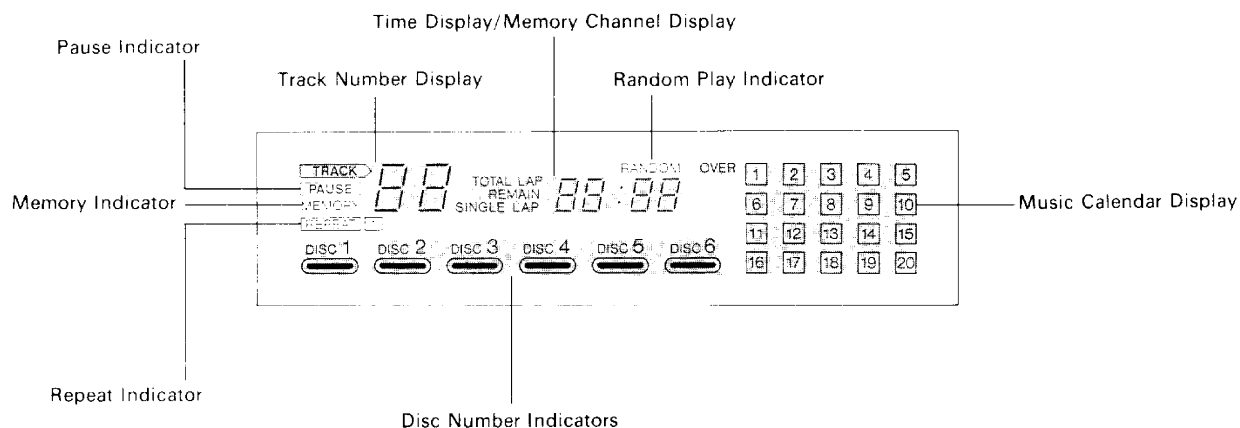
Do not connect the RI remote control jack to any unit that does not bear the Onkyo RI mark. Doing so may damage the unit.

## Control positions and functions

### Front panel



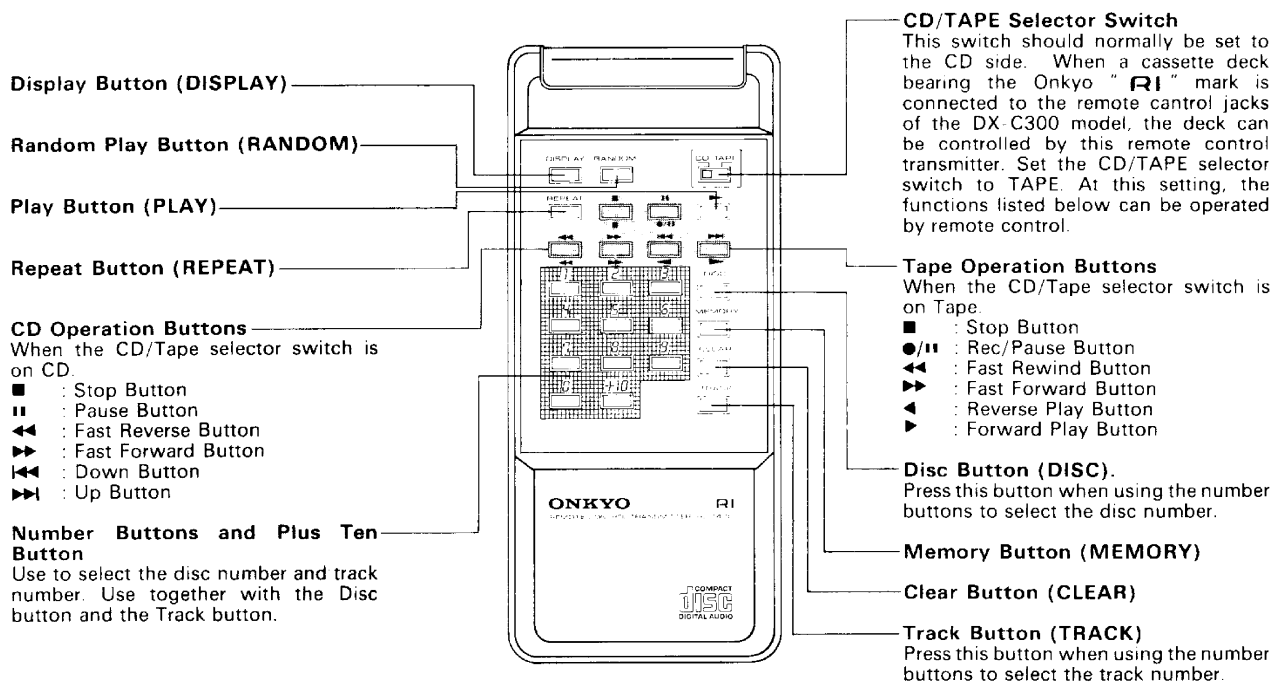
## Display



- 1 **Power Switch (POWER)**  
Press once to switch power on and press again to switch power off.
- 2 **Magazine Compartment Lid**  
Gently insert the magazine completely into the compartment to play back.
- 3 **Eject Button (EJECT ▲ )**  
Press this button to remove the magazine.  
The loaded disc returns into the magazine and the magazine will emerge slightly from the compartment.
- 4 **Remote Control Sensor (REMOTE SENSOR)**  
Commands from the remote control transmitter are received here.
- 5 **Fast Reverse Button (FR ◀◀ )**  
When this button is held down, the pickup moves backward quickly over the disc. Disc play is resumed as soon as this button is released. This becomes the memory check button during memory stop.
- 6 **Down Button (DOWN ◀◀ )**  
Press this button during disc play to return to the beginning of the current track. Press twice to return to the beginning of the previous track, three times for the track before that, and so on.
- 7 **Up Button (UP ▶▶ )**  
Press this button during disc play to advance to the beginning of one of the following tracks. The pickup moves ahead one track for each time this button is pressed.
- 8 **Fast Forward Button (FF ▶▶ )**  
When this button is held down, the pickup moves forward quickly over the disc. Disc play is resumed as soon as this button is released. This becomes the memory check button during memory stop.
- 9 **Repeat Button (REPEAT)**  
Press this button to activate the repeat play mode. If this is pressed once while using a 6-compact disc magazine, the [REPEAT] indicator lights, and all discs inserted in the magazine is played repeatedly. (Full Repeat). Repeat play can be used in conjunction with the normal, memory play and random play modes. Pressing this button twice causes the [REPEAT] [1] indicator to light and the disc currently playing is played repeatedly. (Disc repeat). To listen to another disc, choose the desired disc with the disc select buttons. To cancel repeat play, press this button again or press the STOP button.  
[REPEAT] [1] cannot be used when two or more discs have been set in the memory.  
Only [REPEAT] [1] can be used with 1-compact disc magazine.
- 10 **Stop Button (STOP)**  
Press this button to stop disc play.
- 11 **Pause Button (PAUSE)**  
Press this button to briefly interrupt disc play. To resume disc play, press the PLAY button.
- 12 **Play Button (PLAY)**  
Press this button to start disc play.
- 13 **Headphone Jack (PHONES)**  
Stereo headphones with a standard stereo plug can be connected here.
- 14 **Clear Button (CLEAR)**  
Press this button to correct the track number or to cancel the last track number programmed into memory.
- 15 **Memory Button (MEMORY)**  
Press this button to program track numbers into memory.
- 16 **Disc Select Button (DISC)**  
Press this button to select the desired disc number.
- 17 **Random Play Button (RANDOM)**  
Use this button when you want the contents of the disc to be rearranged for play in random order. This function cannot be used in memory mode.
- 18 **Display Button (DISPLAY)**  
Press this button to change the display to show the SINGLE LAP (time elapsed of a track being played), the TOTAL REMAIN (time remaining of all the tracks yet to be played) or the TOTAL LAP (time elapsed of the disc). Displays how many tracks are in memory during memory stop.

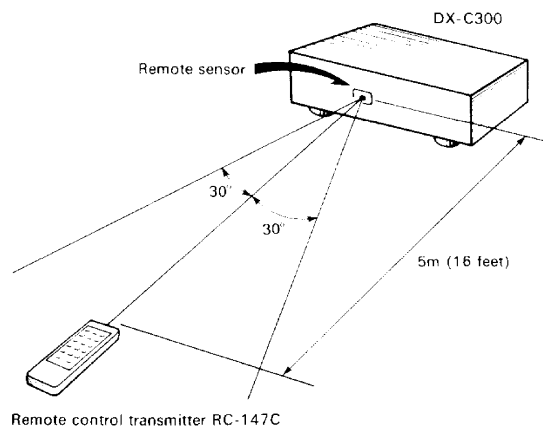
## Remote control transmitter RC-147C

- Buttons not described below are operated in the same way as the buttons on the main unit.



## Using the remote control transmitter

- Remove the batteries if the remote control transmitter is not going to be used for a long time.
- The batteries of the remote control transmitter must be replaced periodically.
- This unit uses infrared rays. Therefore, commands may not be received properly if the front panel of the DX-C300 is exposed to bright light. To prevent this from occurring, place the DX-C300 so that it is not directly exposed to bright light.
- If the DX-C300 is placed inside an audio rack behind a glass door, the door should not have colored glass or have any decorations on it, since this could shorten the range or prevent commands from being received.
- Use of other infrared remote control devices in the same room may cause interference.
- The transmitter operates up to a distance of about five meters (16 feet). The transmitting window must always be pointed at the reception window when a command is sent to the CD player.
- If this remote control transmitter does not operate properly, confirm that the batteries are not dead. If the problem persists, contact your Onkyo Service Center.

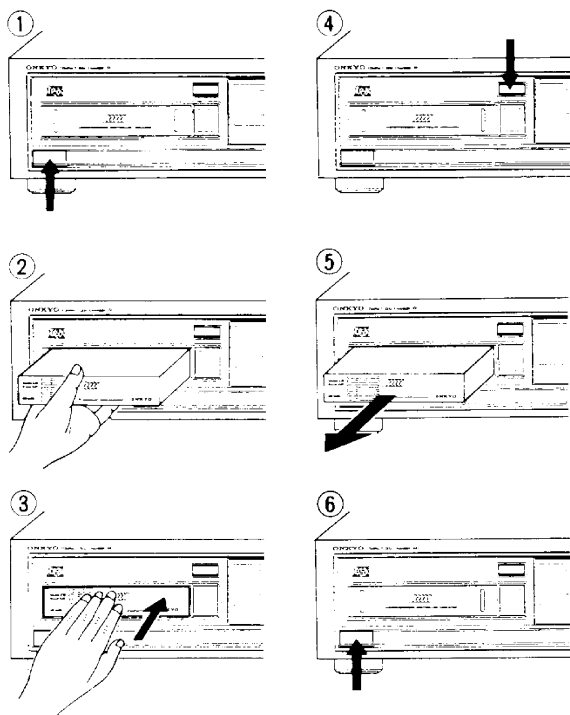




## Operations

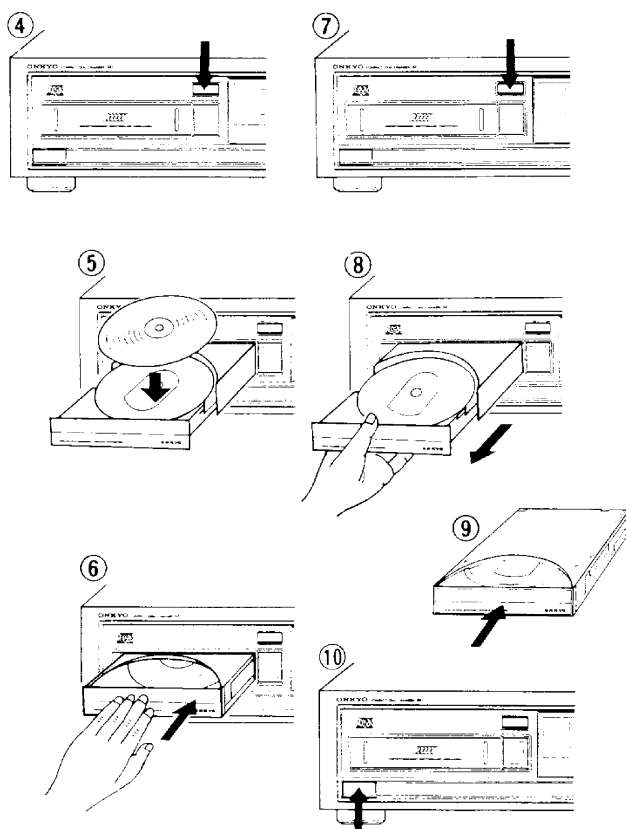
### Inserting and removing the magazines

■ In the case of a 6-compact disc magazine:



■ When using a 1-compact disc magazine:

The 1-compact disc magazine is sold separately. Follow the instructions provided below when using this magazine.



Refer to the section on page 3 entitled "Before using this unit" for information on how to insert discs.

### When inserting magazines

- ① Press the POWER switch to turn on the power.
- ② Insert the magazine in the magazine compartment lid.
- ③ Insert the magazine until there is a clicking sound.
  - Stand-by is complete when the total number of tracks and total remaining time on the disc to be played (the uppermost disc of those that have been inserted) is displayed on the display.

### To remove the magazine

- ④ Press the EJECT button.  
The magazine comes out slightly.
- ⑤ Pull out the magazine.
- ⑥ Press in and release the POWER switch to turn off the power.

### When inserting magazines

Insert the magazine in the magazine compartment according to steps

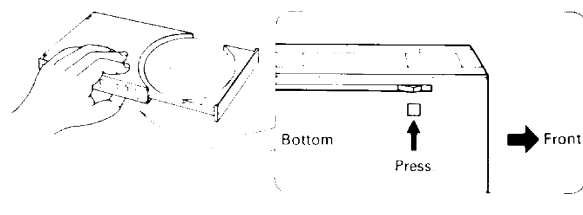
- ① to ③ listed above for a magazine holding 6 compact discs.
- ④ Press the EJECT button.
  - The disc tray will be pushed out in your direction.
- ⑤ Put the disc in the Disc Tray with its label facing down.
- ⑥ Insert the magazine until there is a clicking sound.
  - Stand-by is complete when the total number of tracks and total remaining time on the disc to be played (the uppermost disc of those that have been inserted) are shown in the display.

### To remove the magazine

- ⑦ Press the EJECT button.  
The magazine will emerge slightly.
- ⑧ Remove the disc.
- ⑨ Pull the magazine in your direction and remove.
- ⑩ Use your hand to push back the disc tray.
- ⑪ If you are not using the unit any more, press the POWER switch to turn off the power.

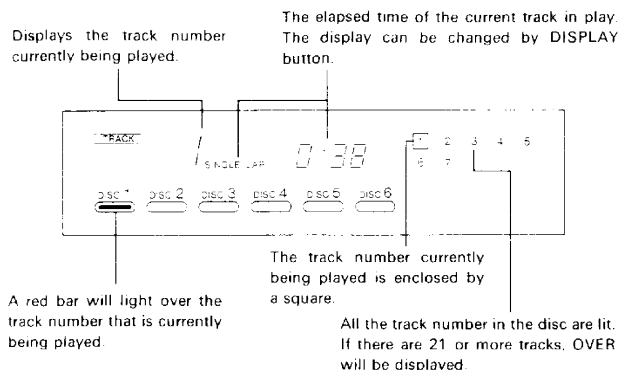
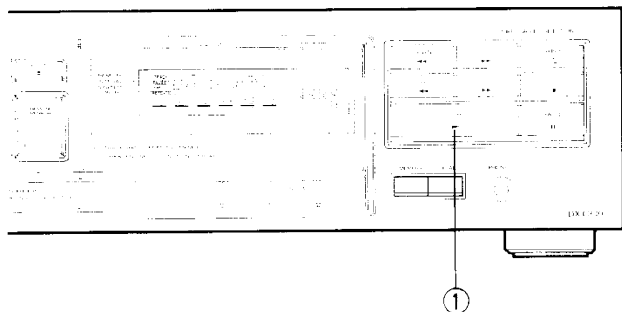
### NOTE:

If you have forgotten to remove a disc, press the area on the back of the magazine shown in the figure. The disc tray will emerge. Be sure the magazine is facing up at this time.



A description of operation is found on the section explaining use of the 6-compact disc magazine. Follow the same procedure when using a 1-compact disc magazine. However, it is not necessary to operate the disc select button.

### To play a disc (Normal Play)

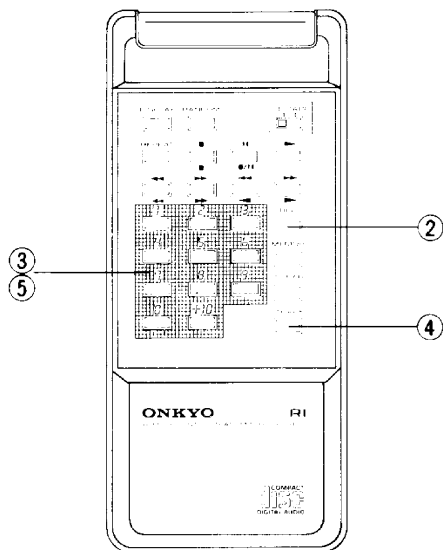
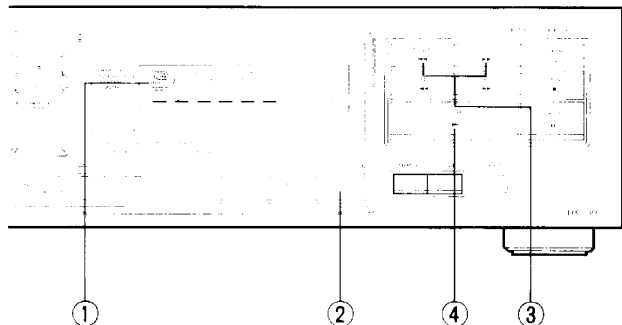


Press in the POWER switch to turn the power on. Insert the desired discs into the magazine. Then load the magazine into the compartment completely. (See page 8.)

- ① Press the PLAY button.
  - The disc begins playing from the first track.

Use the amp connected to the main unit to adjust the volume. If you play the disc all the way to the end, the unit will play the next disc from the beginning. If the 6th disc play has been finished all the way to the end, the track number display and the time display show "0 0:00" and disc play stops. Following this, the display will change to show the total number of tracks and total time elapsed on the first disc.

### To start from a specific track



- ① Please make sure that the MEMORY indicator is not lit.
  - When the MEMORY indicator is on, press the MEMORY button to turn the indicator off.
- ② Select the desired disc with the DISC button.
  - The red bar will light over the disc number selected.
- ③ Using the UP ►► button or DOWN ◄◄ button to select the desired track.
  - The track number is displayed in the track number display. The time display will change to single elapsed time.
- ④ Press the PLAY button.
  - Playback will continue to the final track on the sixth disc.

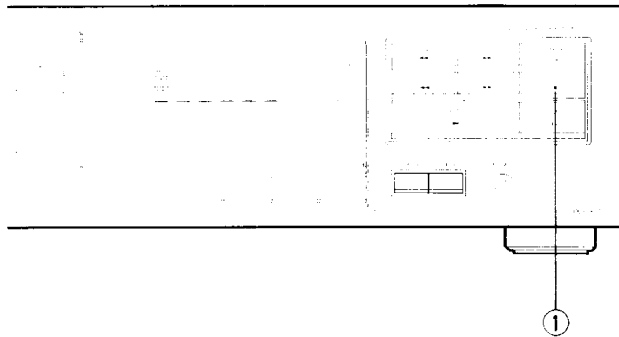
When operating by remote control, carry out according to the following order starting with step ②

- ② Press the DISC button.
  - A "d" will blink in the track number display.
- ③ Select the desired disc with the number buttons (1-6).
  - The red bar will light over the selected disc number.
  - If you have pressed the wrong disc number, press the DISC button once again.
- ④ Press the TRACK button.
- ⑤ Use the Number Buttons to select the desired track.
  - Use +10 button to select a track with a track number of 10 or higher. For example, to select Track Number 30, press this button three times, and then press 0.
  - Playback begins automatically.
  - If the track number button was not pushed after pressing the disc button, playback will start with the first track on the selected disc.

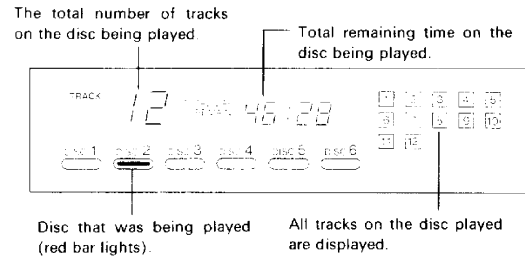
#### NOTES:

- It is not possible to select tracks when there is no disc in the disc tray of the magazine. Also, tracks which are not on the disc cannot be selected.
- Operating this during random play will release random play.

### To stop the playing

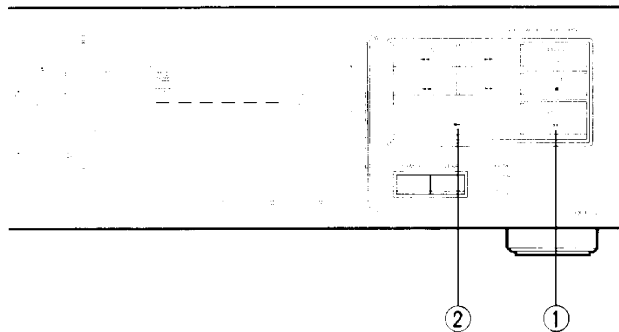


- ① Press the STOP button.
  - Playback will stop and the following display will appear.



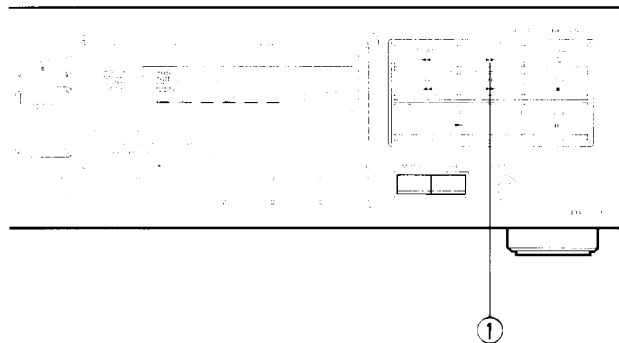
- During memory stop, the total number of tracks and the total time of the tracks in memory will be displayed for the disc that was first stored in memory. In the music calendar, all the tracks of the first disc stored in memory will light and those stored in memory will be enclosed by a frame.

### To pause during playing



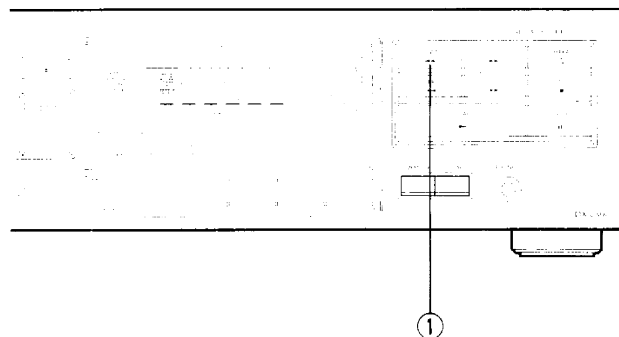
- ① Press the PAUSE button.
  - The Pause indicator lights and the playing stops temporarily.
- ② To resume playing, press the PLAY button. The playing starts up again from exactly where it left off.

### To skip to the next track



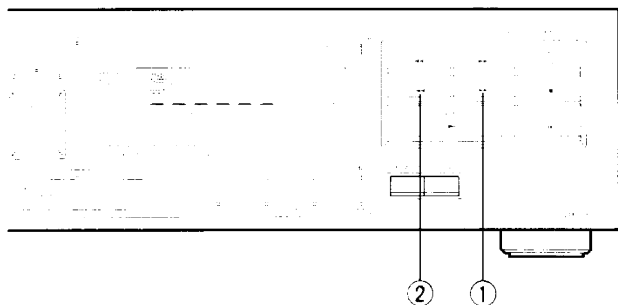
- ① To skip to the next track, press the UP button.
  - The playing of the current track is interrupted and the pickup moves to the beginning of the next track. During memory play the pickup moves to the beginning of the next track in memory.
  - The pickup moves ahead one track each time you press the UP button.

### To return to the beginning of the track during playing



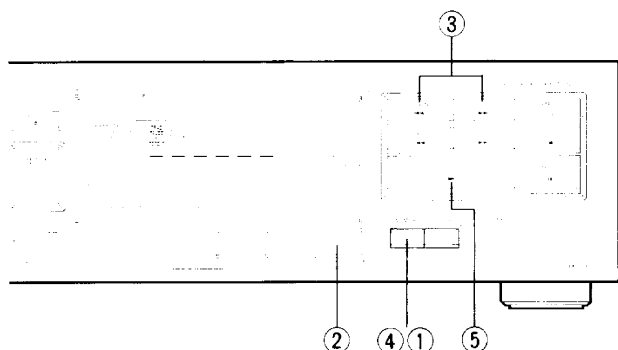
- ① To return to the beginning of the track during playing, press the DOWN button.
  - The playing is interrupted and the pickup moves back to the beginning of the current track.
  - If you press the DOWN button again before the pickup reaches the beginning of the current track or you press the DOWN button twice in a row, the pickup goes to the beginning of the previous track. During memory play the pickup goes to the beginning of the preceding track in memory.

### To move forward or backward quickly during playing



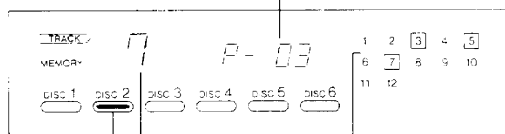
- ① Press the FF ►► button to fast forward.
- ② Press the FR ◄◄ button to fast backward.
  - The pickup continues to move rapidly forward or backward as long as you hold down the FF ►► button or FR ◄◄ button.
  - If you fast forward all the way to the end of the disc, the pickup stops.
  - During memory play, when the pickup is forwarded to the end of the current track by pressing the FF ►► button, the pickup comes to the next programmed track and normal playback begins. When the FR ◄◄ button is pressed, the pickup comes to the beginning of the current track and normal playback begins from this position.

### To program and play the memory



Example: When tracks 3,5,7 of the second disc have been stored in memory.

Displays memory channel. Currently storing the third channel in memory.



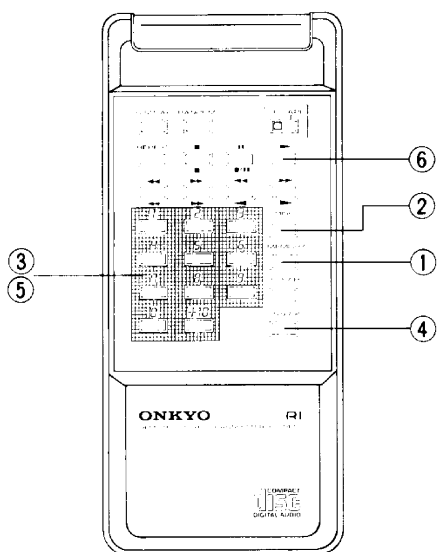
Shows the 7th track of disc 2 has been stored in memory

All tracks on the disc light. Those stored in memory are enclosed by a square.

- ① Press the MEMORY button.
  - The MEMORY indicator lights. (If the memory button is pressed during play, the track being played is stored into memory and further tracks can be stored into memory with the operation in ② below.)
- ② Press the DISC button to select the desired disc. The red bar under the selected disc number indicator will light.
- ③ Select the track you want, using the UP ► button or DOWN ◄ button.
  - The track number is displayed in the track number display. The time display will change to single elapsed time.
- ④ Press the MEMORY button.
  - When selecting track numbers in succession from the same disc, also press the UP ► or DOWN ◄ button. When storing other discs in memory, repeat steps ② to ④. Up to 40 tracks can be programmed in the memory by repeating this step.
- ⑤ Press the PLAY button.
  - The time display section changes to the elapsed time (SINGLE LAP) and the disc play starts.

#### NOTES:

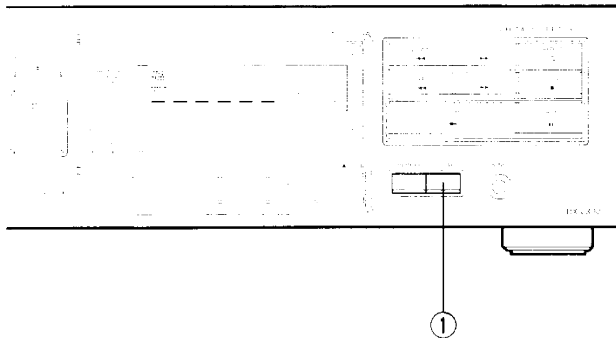
- The TOTAL REMAIN time of tracks placed in memory cannot be displayed. However, when using the 1-compact disc magazine, pressing the DISPLAY button will make it possible for this to be displayed.
- If the total remaining time is more than 99 minutes 59 seconds or when the contents stored in memory extend over 2 or more discs, "—" is displayed, when playing.



When storing items in memory by remote control, follow the order shown below:

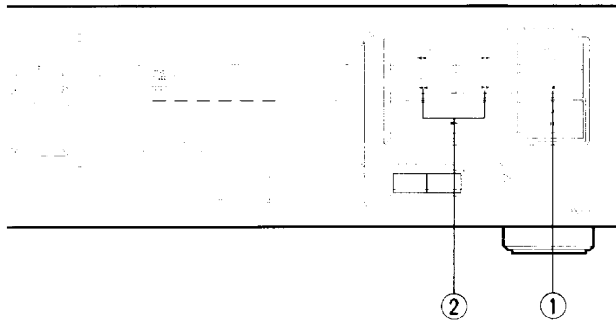
- ① Press the MEMORY button.
- ② Press the DISC button.
  - A "d" will blink in the track number display.
- ③ Select the desired disc with the number buttons (1-6).
  - The red bar will light over the selected disc number.
  - If you have pressed the wrong disc number, press the DISC button once again.
- ④ Press the TRACK button.
- ⑤ Use the number buttons to select the desired track.
  - If "0" of the number buttons is stored in memory, all the tracks on that disc will be stored in memory. The display "AL" will be displayed on the track number display.
  - When selecting track numbers in succession from the same disc, also press the number button. When storing other discs in memory, repeat steps ② to ⑤.
- ⑥ Press the PLAY button.
  - It is possible to make additions to memory even during playback. The track number of the track being played and the time will be displayed at that time. The track number of the added track will light on the music calendar.

#### If a mistake has been made in setting up the memory



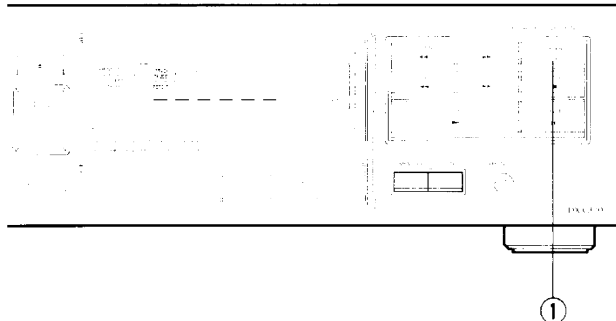
- ① Press the CLEAR button.
  - The last track in memory will be cancelled.
  - During memory play, the current track in play and tracks previously programmed cannot be cancelled.
  - If you want to set up the memory, please select the desired tracks using the number buttons.
  - To erase the entire contents stored in memory: Press the MEMORY button. The MEMORY indicator goes out and all the contents of the memory are cancelled. During memory play, however, normal play takes place, playing the current through the last tracks.

#### To check the contents of the memory



- ① If in memory play, press the STOP button so that the play comes to a memory stop.
- ② Press the FR ◀◀ or FF ▶▶ button.
  - Pressing FF ▶▶ will allow you to confirm starting with the lowest number. Pressing FR ◀◀ will allow you to check in the opposite order.

#### To listen to the discs over and over



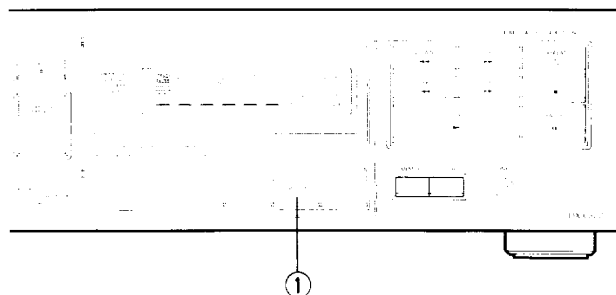
#### NOTE:

When using the 1-compact disc magazine, pressing this button once will cause [REPEAT] 1 to come on, and the performance will be repeated. Pressing this again will turn the indicator off, and cancels the repeat mode.

- ① Press the REPEAT button. (You can press this button before playing begins or in the middle of playing.)
  - If this is pressed once while using a 6-compact disc magazine, the [REPEAT] indicator lights, and all discs inserted in the magazine is played repeatedly. (Full Repeat).
  - During memory when the disc player reaches the end of the sequence of tracks programmed into memory it repeats that sequence.
  - In random play, the contents of a disc are rearranged after the last track is played, and then the play resumes. In the case of memory random play, all the tracks programmed into memory are rearranged, and then the playing resumes.
  - Pressing this button twice causes the [REPEAT] 1 indicator to light and the disc currently playing is played repeatedly. (Disc repeat). To listen to another disc, choose the desired disc with the disc select buttons. [REPEAT] 1 cannot be used when two or more discs have been set in the memory. To cancel repeat play, press this button again or press the STOP button.

#### To playback in random order (Random Play)

Use this button when you want the contents of all discs inserted in the magazine to be rearranged for play in random order. This function cannot be used in memory mode.



- ① Press the RANDOM button.
  - The RANDOM indicator light up and performance automatically begins.

#### NOTES:

- A maximum of 99 tracks each on 6 discs can be played in the random play mode.
- In the random Play Repeat mode, when all of the tracks have been played back once, the order will be changed and the playing will be repeated with a different track progression.
- Pressing the STOP, RANDOM, MEMORY, or Number Buttons cancels the random play mode.

## Troubleshooting guide

Problem	Cause	Remedy
Power switch is pressed but power does not come on.	<ul style="list-style-type: none"> <li>● Power cord plug is not properly connected to AC outlet.</li> </ul>	<ul style="list-style-type: none"> <li>● Insert plug firmly.</li> </ul>
Disc loaded but play does not begin.	<ul style="list-style-type: none"> <li>● Disc is loaded upside-down.</li> <li>● Disc is dirty.</li> <li>● Dew on pickup.</li> </ul>	<ul style="list-style-type: none"> <li>● Load disc with the label side facing downward.</li> <li>● Clean the disc.</li> <li>● Place unit in warm place for about one hour.</li> </ul>
No sound.	<ul style="list-style-type: none"> <li>● Incomplete connections.</li> <li>● Improper input selector switch setting on amplifier.</li> </ul>	<ul style="list-style-type: none"> <li>● Insert all plugs firmly in jacks.</li> <li>● Set switch to proper position.</li> </ul>
Skipping.	<ul style="list-style-type: none"> <li>● Disc is dirty.</li> <li>● Disc is scratched.</li> <li>● Unit has been exposed to a strong bump.</li> </ul>	<ul style="list-style-type: none"> <li>● Clean the disc.</li> <li>● Use another disc.</li> <li>● Place the unit in a more stable location.</li> </ul>
Search time (when moving to a specific track) is extremely long.	<ul style="list-style-type: none"> <li>● Disc is dirty.</li> <li>● Disc is scratched.</li> </ul>	<ul style="list-style-type: none"> <li>● Clean the disc.</li> <li>● Use another disc.</li> </ul>
Track numbers cannot be stored in the memory.	<ul style="list-style-type: none"> <li>● No disc is in the magazine.</li> <li>● A track number not on the disc is being used.</li> </ul>	<ul style="list-style-type: none"> <li>● Load a disc.</li> <li>● Use only track numbers on the disc.</li> </ul>

## Specifications

### Model DX-C300

### Compact Disc Player with optical pickup

Signal readout system:	Optical non-contact
Reading rotation:	About 500–200 r.p.m. (constant linear velocity)
Linear velocity:	1.2–1.4 m/s
Error correction system:	Cross interleave read-solomon code
Decoded bits:	16 bits linear
Sampling frequency:	352.8 kHz (8 times oversampling)
Number of channels:	2 (stereo)
Frequency response:	5 Hz–20 kHz
Total harmonic distortion:	0.004% (at 1 kHz)
Dynamic range:	98 dB
Signal to noise ratio:	103 dB
Channel separation:	100 dB (at 1 kHz)
Wow and Flutter:	Below threshold of measurability
Output level:	2 volts r.m.s.
Power consumption:	13 watts
Power supply rating:	USA & Canadian Models: AC 120V, 60Hz Worldwide Model: AC 110V, 120V, 220V, 240V switchable, 50/60Hz
Dimensions (W x H x D):	435 x 119 x 361 mm 17-1/8" x 4-2/3" x 14-1/4"
Weight:	5.8 kg, 12.8 lbs.

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## **ONKYO CORPORATION**

International Division: Onarimon Yusen Bldg., 23-5, Nishi-Shimbashi 3-chome, Minato-ku,  
TOKYO 105, JAPAN Tel: 03-432-6987 Fax: 03-436-6979 TLX: 242-3551 ONKYO J

### **ONKYO U.S.A CORPORATION**

200 Williams Drive, Ramsey, N.J. 07446, U.S.A.  
Tel: 201-825-7950 Fax: 201-825-8150

